Feng, Shixia

From: Sarkar, Mohamadi
Sent: Friday, November 08, 2002 2:53 PM
To: Feng, Shixia; Kinser, Robin D.
Subject: FW: meg digest: November 07, 2002

Shixia and Robin,
Please read the embedded message about the oxidative stress biomarkers that Roger has brought to our attention.

Mohamadi
-----Original Message-----
From: Walk, Roger A.
Sent: Friday, November 08, 2002 9:19 AM
To: Haussmann, Hans-Juergen; Roethig, Hans; Sarkar, Mohamadi; Tricker, Anthony
Subject: FW: meg digest: November 07, 2002

FYI (let me know if you do not want to be copied on such infos). Roger

-----Original Message-----
From: The MEG/AACR Listserv digest [mailto:meg@listserv.aacr.org]
Sent: Thursday, November 07, 2002 11:00 PM
To: meg digest recipients
Subject: meg digest: November 07, 2002

MEG Digest for Thursday, November 07, 2002.

1. Re: meg digest: November 05, 2002
2. Re: meg digest: November 04, 2002

Subject: Re: meg digest: November 05, 2002
From: dli@mail.mdanderson.org
Date: Thu, 07 Nov 2002 09:23:00 -0400
X-Message-Number: 1

I received a brochure from a company that is devoted to Oxidative Stress research, OxisResearch. They offer several assay kits for antioxidant biomarkers, oxidative biomarkers, and nitric oxide biomarkers. We have used the assay for total lipid hydroperoxides in our study. It's a simple and reliable assay. The website for this company is: www.oxiresearch.com. I think we have to choose the proper assay for different experimental purposes.

www.OXISresearch.com

Donghui Li, Ph.D.
MD Anderson Cancer Center

Subject: Re: meg digest: November 04, 2002
From: Chris Pritsos <pritsos@unr.edu>
Date: Thu, 07 Nov 2002 09:23:00 -0400
X-Message-Number: 2

PM3006731705

Source: https://www.industrydocuments.ucsf.edu/docs/jgvj0001

We are currently conducting a phase 3 clinical trial to look at the health effects of workplace exposure to environmental tobacco smoke in casino employees (here in Nevada) and whether antioxidants might mitigate any of the harmful effects from this exposure. The study is looking at a number of biomarkers of risk for cardiovascular disease and cancer as well as markers of oxidative stress/damage. We separate out markers of oxidative stress and oxidative damage because we feel that it is possible to experience oxidative stress without actually incurring oxidative damage.

The marker of oxidative stress which we are looking at include:

Total Plasma Antioxidant Capacity
Superoxide Dismutase Activity
Glutathione Peroxidase
Plasma Vitamin E, C and B-carotene levels

Markers of oxidative damage include:

Oxidized LDL
Homocysteine
8-hydroxy-2-deoxyguanosine (We use HPLC with electrochemical detection to make these determinations as we feel that this is a more sensitive detection system).

I would be happy to share more information on any of these assays if anyone wishes.

Dr. Chris A. Pritsos
Professor and Chair
Dept. of Nutrition
University of Nevada
Reno, NV 89557
Telephone: 775-784-6443

The MEG/AACR Listserv digest wrote:

> MEG Digest for Monday, November 04, 2002.
>
> 1. oxidative stress measures
>
> ---
>
> Subject: oxidative stress measures
> From: Zora Djuric <djuricz@karmanos.org>
> Date: Mon, 04 Nov 2002 14:20:00 -0400
> X-Message-Number: 1
>
> Regina Santella and I were wondering if any MEG members have an assay
> or battery of assays that they think are good for measuring oxidative
> stress in blood or urine. I am currently setting up a GC/MS assay
> nitrotyrosine, chlorotyrosine and dityrosine in plasma to measure
> formation of 3 kinds of radicals but have yet to try it. Regina has
> an immunohistochemical method for looking at 8-oxodeoxyguanosine. The
> 8-oxodG in blood DNA or urine assays seem to be used frequently but
> are there other assays that could be readily applied to large numbers
> of samples. Anyone with experience using the ELISA kits for
> isoprostanes? other assays that can be recommended?
>
> --
> Zora Djuric, Ph.D.
> Associate Professor
>

PM3006731706

Source: https://www.industrydocuments.ucsf.edu/docs/jgvj0001

> Karmanos Cancer Institute
> 110 E. Warren, room 640 HWCR
> Detroit, MI 48201
>
> (313)966-7339
> FAX (313)966-7368
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to meg as: pritsos@unr.edu
> To unsubscribe send a blank email to %%email.unsub%%

END OF DIGEST

You are currently subscribed to meg as: roger.a.walk@pmusa.com To unsubscribe send a blank email to leave-meg-415J@listserv.aacr.org

PM3006731707

Source: https://www.industrydocuments.ucsf.edu/docs/jgvj0001